Barrick Resources (USA) Inc.
Barrick Mercur Gold Mine
136 East South Temple
Suite 1050
Salt Lake City, Utah 84111
801-741-4668
Fax 801-539-0665
From the desk of: Lennie Boteilho

By: Certified Mail 7000 0600 0022 2696 6613

January 26, 2001

M/45/017

Mr. Wayne Hedberg, Permit Supervisor
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

Re: Submittal of Annual Report for 2000, Mine No. M450017

Dear Mr. Hedberg:

Please find enclosed a completed "Annual Report of Mining Operation" form provided by the Division.

If you have any questions please feel free to contact me at 801-741-4668.

Sincerely,

Leonard Boteilho, REM
Project Manager

Enclosure

Cc: Glenn Eurick, Barrick

FORM MR-AR
(Revised 3/98)

RECEIVED
JAN 29 2001
DIVISION OF
OIL, GAS AND MINING

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple - Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Telephone: (801) 538-5291
Fax: (801) 359-3940

ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

I. *General Information*

1. Report Time Period: From (mo./yr.) 1/2000 To (mo./yr.) 12/2000
2. DOGM File Number (Mine No): M /4500 /17
3. Mine Name: Mercur Mine
4. Mineral(s) Mined (or permitted to mine): Gold
5. Type of mine ☒Surface Mine or ☐ Underground Mine
6. Legal Description (Location of Lands Affected):
   _____1/4, ____1/4, ____1/4, Section 4-9 , Township 6-S. , Range 3-W.
   _____1/4, ____1/4, ____1/4, Section _____, Township _____, Range
   _____1/4, ____1/4, ____1/4, Section _____, Township _____, Range
7. Name of Operator or Company: Barrick Resources (USA) Inc.
8. Permanent Street Address: 136 East Sounth Temple, Suite 1050
   City, State, Zip: Salt Lake City, Ut. 84111
   Phone: 801-539-0660 Fax: 801-539-0665
9. Company Representative (or designated operator):
   Name: Leonard Boteilho
   Title: Project Manger
   Business Address: 136 East South Temple, Suite 1050
   City, State, Zip: Salt Lake City, Ut. 84111
   Phone: 801-741-4668 Fax: 801-539-0665

☒ **Please check if any of the above information has changed since previous year.**

II. *Mining and Reclamation*

1. Was there any mine related activity during the past year? Yes ☐ No ☒
2. If no - what was the last year of activity? 1998
3. If yes - how much ore or mineral was mined?

4. Briefly describe the type of work performed, volume of material moved, and any new or additional surface disturbances that occurred during the past year.
SEE ATTACHED

5. How much **additional acreage** was disturbed during the past year? 0

6. How much acreage was **reclaimed** during the past year? 0

7. Briefly describe the reclamation work performed during the past year. This description should include methods employed, and an evaluation of the results.
SEE ATTACHED

8. What is the **total disturbed acreage of entire project** at years end? SEE ATTACHED

9. Briefly summarize any mining and/or reclamation plans for the upcoming year.
SEE

NOTE: Section III., "Additional Information" applies only to **large mining operations.**

III. *Additional Information*

1. An updated surface facilities map should be attached if there have been significant changes since the previous map was submitted. ***No significant changes to surface facilities have occurred, therefore no new map is enclosed.***

2. Any monitoring results or other reports that are required under the terms of the approved notice of intention should also be attached. ***None***

IV. *Signature Requirement*

I hereby certify that the foregoing is true and correct.

Name (Typed or Print): Leonard Boteilho

Title of Operator: Project Manager

Signature of Operator: _____

Date: _____

jb
a:\forms\MR-AR

4. *Briefly describe the type of work performed, volume of material moved, and any new or additional surface disturbances that occurred during the past year.*

The only work preformed in 2000 was reclamation work as described in No. 7 below. There was no new surface disturbance during the year.

7. *Briefly describe the reclamation work performed during the past year. The description should include methods employed, and an evaluation of the results.*

Activities in 2000 centered on final reclamation activities associated with the Reservation Canyon Tailing Facility. The activities included the operation of a forced water evaporation system for disposal of tailing wastewater, within containment, and placement of the prescribed soil cover system on a portion of the tailing facility.

Operation of the forced water evaporation system reduced stored wastewater in the facility by 75.5 million gallons. At year-end 61.3 million gallons of wastewater remain in storage.

There were no acres of tailing surface reclaimed in 2000.

Implementation of the weed control program continued on revegetated areas across the site. Cedar Creek Associates, a contractor for Barrick, conducted a follow-up revegetation success monitoring and evaluation program in 2000. A formal report is being prepared to document the results of the 2000 program. The report will be submitted to the Division latter in 2001.

Monitoring of the Marion Hill Earthflow continued during 2000. A report prepared by Golder Associates for Barrick is attached to this submittal. The report documents the earthflow monitoring and results, and determined that the area continues to pose no threat to property or lives.

The Sites Groundwater Permits, administrated by DWQ, underwent a Major Modification in 2000. The modification focused on and reflects changes from an operating mine to a closed mine in addition to consolidating all remaining groundwater monitoring and closure activities into one permit. A new Groundwater Permit No. UGW450002 was issued in May 2000.

8. *What is the <u>total</u> disturbed acreage of the entire project at years end?*

There are 1,787 acres within the area that was permitted to be disturbed during the life of the mine. Of that area, 1,617 acres are undisturbed or were previously reclaimed. The remaining area of disturbance consists of highballs (79 acres), the tailing facility (90 acres) and the administration building area (1 acre).

9. *Briefly summarize any mining and/or reclamation plans for the upcoming year.*

All mining activities have ceased with no plans for future mining activities.

Tailing wastewater disposal will continue with the operation of the forced evaporation system.

Phase three construction of Reservation Canyon Tailing Facility Final Closure will be conducted in the fall of 2001. Addition Phases of construction will be conducted in later years or until the facility final closure is achieved in accordance with the final closure plan.

Revegetation monitoring success consisting of visual inspections and photographic documentation will be completed. Field monitoring will be conducted to assess and correct, to the extent possible, environmental factors that threaten the revegetation success.

The meteorological station at Mercur will be maintained and precipitation records will be maintained.

The Reservation Canyon Tailing Facility approved Post-closure monitoring plan, administrated by the Dam Safety Section of the Utah Division of Water Rights, will continue.

Monitoring requirements will be conducted in accordance with existing Groundwater Permits, administrated by the Utah Division of Water Quality.

File - Mercur/Marion Hill Earthflow (DOGM Section)

Golder Associates Inc.

44 Union Boulevard, Suite 300
Lakewood, CO USA 80228
Telephone (303) 980-0540
Fax (303) 985-2080

Golder Associates

Reviewed 01/09/2001 LB

December 11, 2000

Our Ref: 003-2172

Barrick Gold Corporation
8 E. Broadway, Suite 720
Salt Lake City, UT 84111

Attention: Mr. Lennie Boteilho

RE: MARION HILL EARTHFLOW MONITORING UPDATE

Dear Lennie:

Survey data from prisms located in the Marion Hill Earthflow area were received on October 26, 2000, from the July 25, 2000 and September 28, 2000 field survey. This letter summarizes the prism displacement calculations based on those readings. The previous survey was conducted April 17, 2000 and was reported in a May 23, 2000 Golder report.

The locations of the prisms and the general outline of the landslide area are shown on the accompanying Figure 1. The direction of movement and displacement vectors, scaled to reflect cumulative horizontal displacement, are shown on the figure and are summarized in the table below. A summary of the monitoring results for each prism since March 1999 is provided herewith as Attachment 1.

Prism No.	Cumulative Displacement Azimuth (Degree)[1]	Cumulative Horizontal Displacement (feet)	Cumulative Vertical Displacement (feet)[2]	Cumulative Total Displacement (feet)[2]	Slope Displacement Rate (ft/day)[3]
30	86°	0.64	0.06	0.64	2.3E-03
31	160°	4.35	-0.71	4.40	3.6E-03
32	153°	17.24	-5.64	18.14	2.8E-02
33	140°	11.81	-2.95	12.17	2.0E-02
34	0°	0.23	0.17	0.29	6.1E-03
35	138°	3.49	-1.58	3.83	7.4E-03
36	167°	0.54	-0.21	0.58	2.3E-03
37	166°	0.64	-0.01	0.64	2.2E-03

[1] Degrees east of north.
[2] Negative indicates downward movement.
[3] Based on July 25 and September 28, 2000 survey.

Figure 2 shows the change in slope displacement rate since July 1999. The prisms located on the earthflow, Prism Nos. 31, 32, 33, and 35, show the greatest magnitude of movement (up to 0.33 inch/day for Prism No. 32). However, all these prisms indicate a reduction of displacement rate in the July 25 to September 28, 2000 time interval. Prisms on the earthflow also show a reduction of displacement rate in comparison to the rate recorded one year ago (October 1, 1999 survey) except for Prism No. 31, which has a slightly higher rate.

Prisms located off of the defined slide area (Prism Nos. 30, 34, 36, and 37) show relatively small displacements, yet all indicate a small increase in rate of movement. Displacement azimuths shown in Figure 1 for prism Nos. 36 and 37 are consistent with the landslide movements and are therefore considered to indicate actual displacement. Displacement azimuths associated with prisms located north of the slide (Nos. 30 and 34) indicate movement not consistent with the landslide direction.

Movements are likely to be directly related to the presence of pore water, especially water emanating from the spring located near Prism No. 36. Best management practices should continue to be employed to divert surface water from the slide mass to decrease slope displacements.

The landslide continues to pose no threat to property or lives.

Golder appreciates the opportunity to provide these additional services to Barrick on the Mercur Mine closure project. If you need additional information or require any clarification please do not hesitate to call the undersigned.

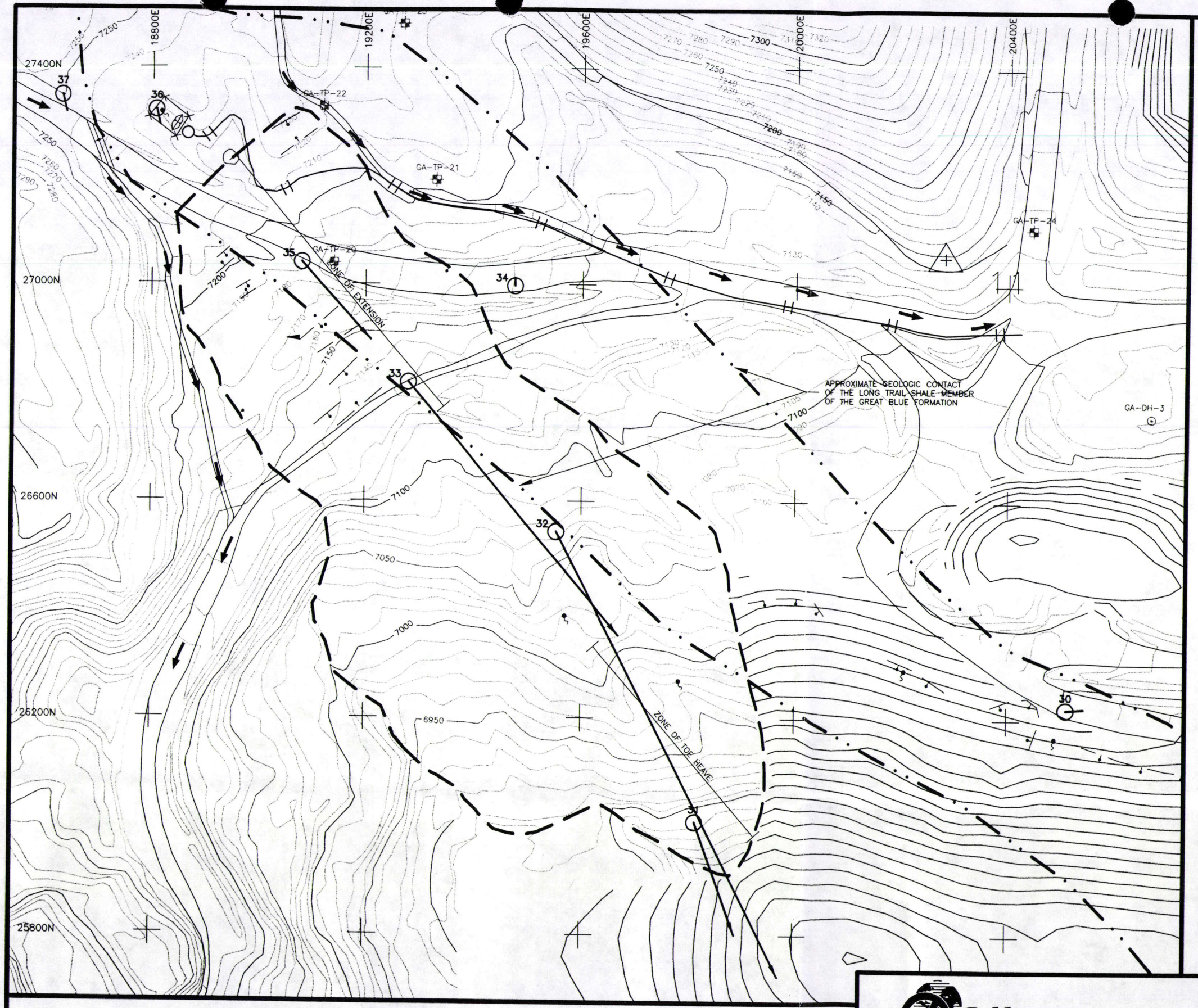
Sincerely,

GOLDER ASSOCIATES INC.

Greg Eddy, P.E.
Project Engineer

Brent Bronson, P.E.
Director of US Mining Sector
Associate

Attachment



NOTE:

1. SURVEY INFORMATION REFLECTS CUMULATIVE SLOPE MOVEMENTS THROUGH 9-28-00.

LEGEND

- 1998 TOPOGRAPHY UPDATE FROM GROUND SURVEY
- 1996 AERIAL FLIGHT TOPOGRAPHY
- GA-TP-32 — TEST PIT (GOLDER, 1998)
- GA-DH-2 — DRILL HOLE (GOLDER, 1998)
- FENCE
- PIPELINE
- POWER POLE
- GEOLOGIC CONTACT
- SPRING (ACTIVE AT TIME OF INVESTIGATION)
- TENSION CRACK (DOT ON DOWN DROPPED SIDE)
- DIRECTION OF SURFACE WATER DIVERSION
- 30 — SURVEY CONTROL POINT SLOPE DISPLACEMENT VECTOR (1"=4')

N

SCALE IN FEET
0 100 200 400

Golder Associates — Tucson, Arizona

CLIENT/PROJECT
BARRICK

BARRICK RESOURCES (USA) INC. - MERCUR MINE
MINE SITE RECLAMATION

TITLE
MARION HILL EARTHFLOW MONITORING UPDATE

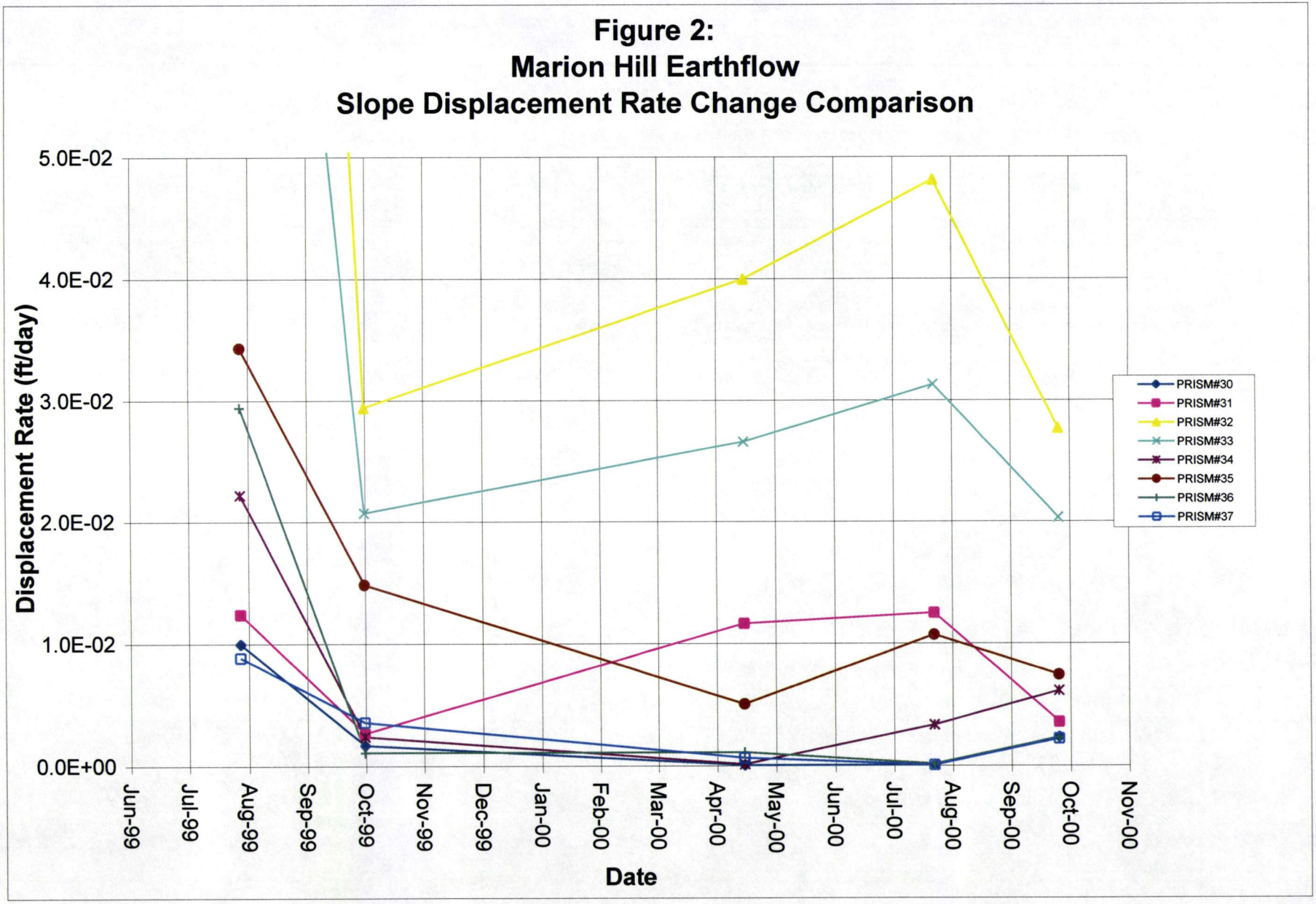
DRAWN MJG/dbs/sfd	DATE DEC. 2000	JOB NO. 003-2172.1	
CHECKED GLE	SCALE 1"=200'	DWG. NO./REV. NO. B001	
REVIEWED BRB	FILE NO. 2172B001	FIGURE NO. 1	

Dwg. Name: P:\DRAWINGS\003-2172.1\2172B001.dwg
Last Updated: 12/7/00 - 13:57
By: SDanitel
Last Plot: 12/08/00 - 09:28 am
Prev. Saves: 1) SDanitel@ 12/06/0 2) SDanitel@ 12/05/0

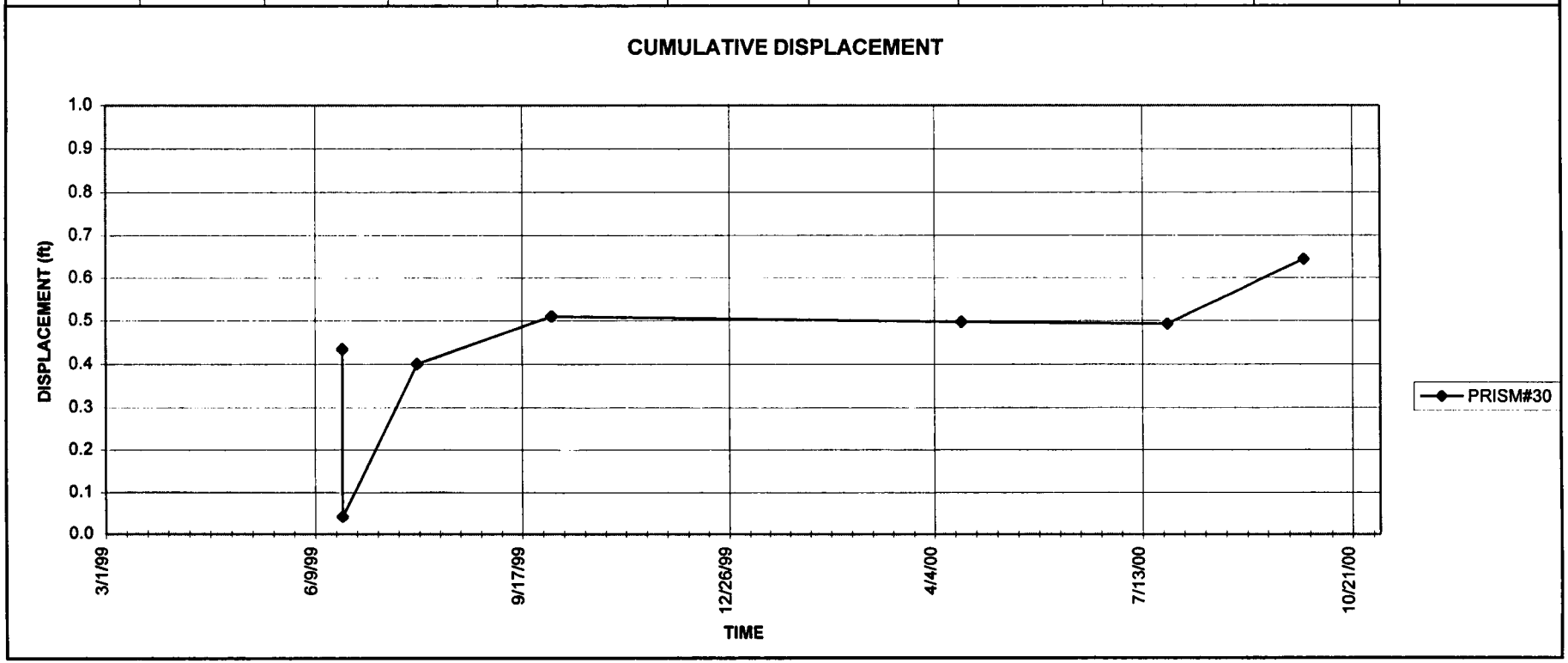
ATTACHMENT 1

PRISM MONITORING RESULTS

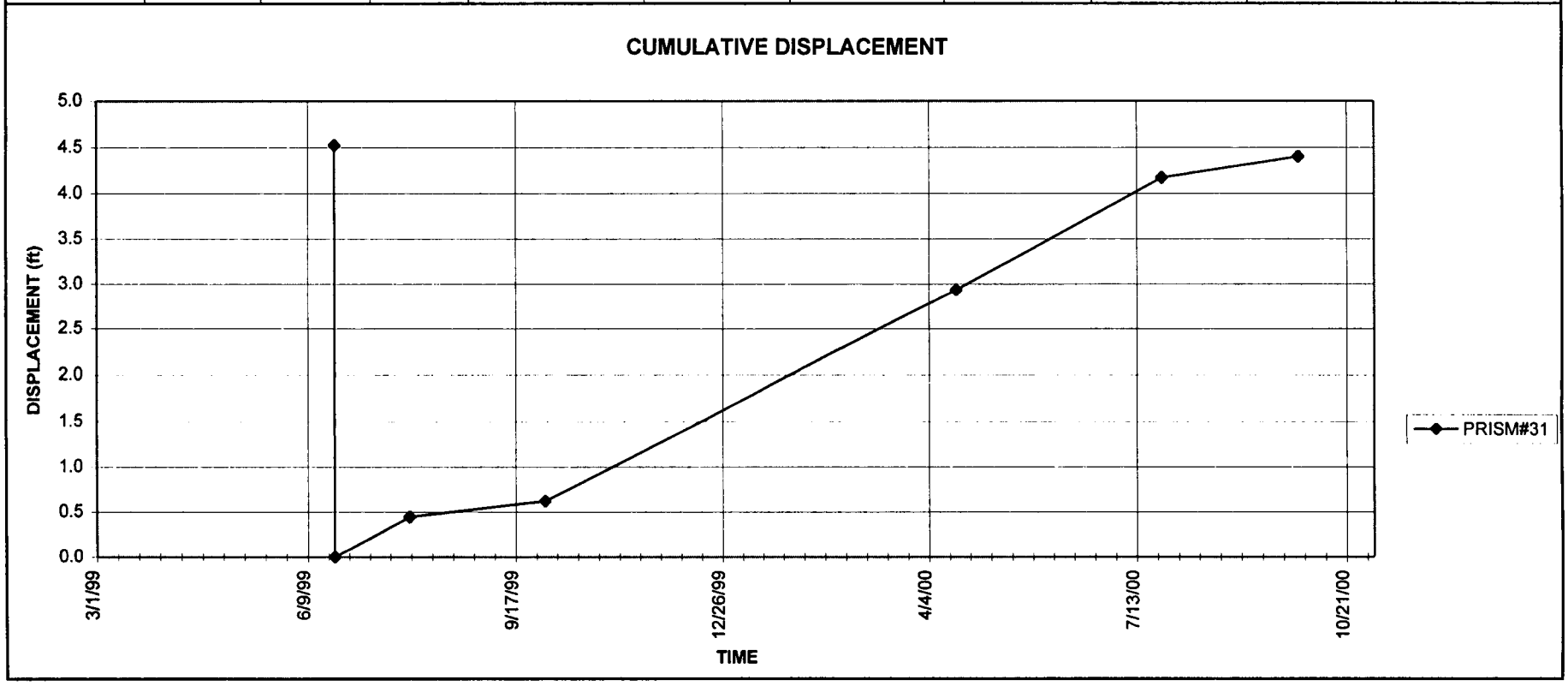
Figure 2:
Marion Hill Earthflow
Slope Displacement Rate Change Comparison



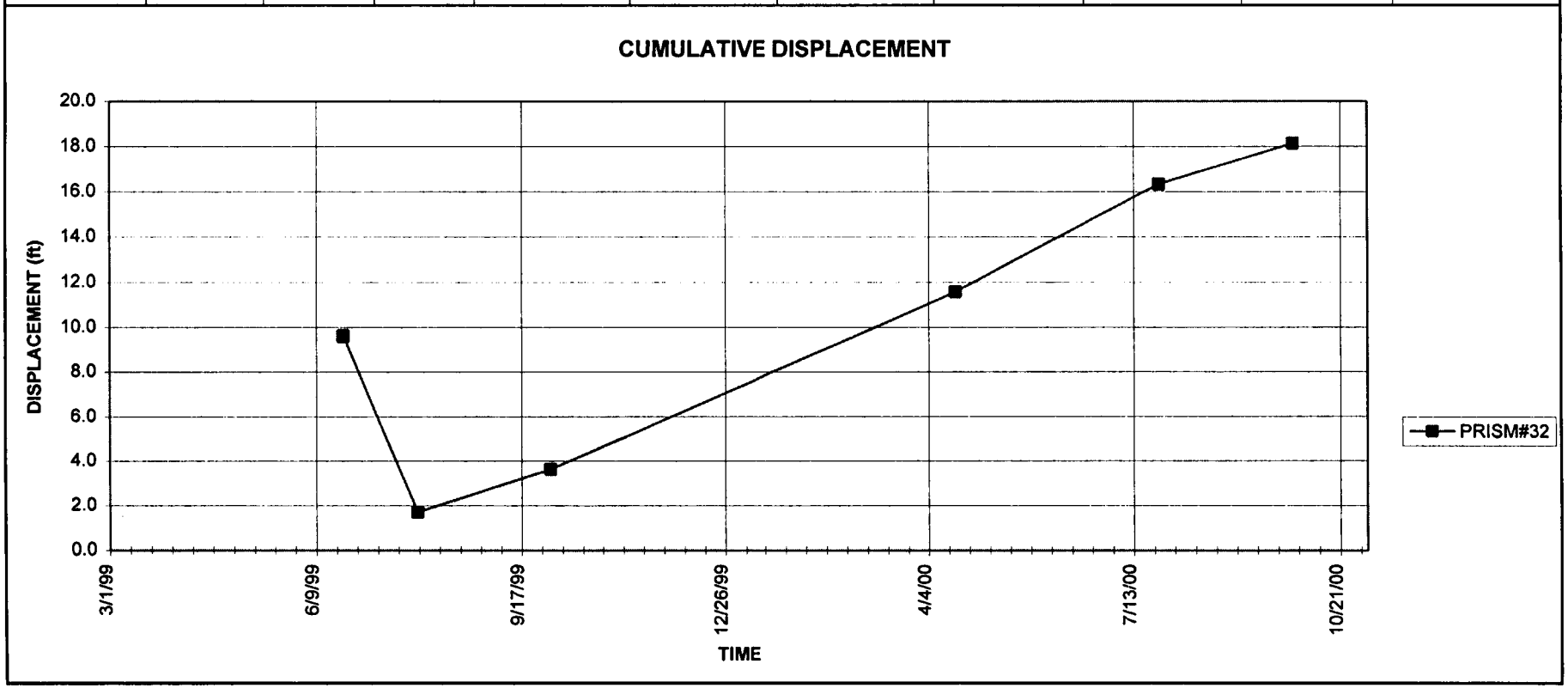
PRISM#30										SLOPE
CP-146	26059.97	24488.43	7347.85	INCREMENTAL	CUMULATIVE	INCREMENTAL	CUMULATIVE	INCREMENTAL	CUMULATIVE	DISPLACEMENT
CP-125	24978.97	21280.24	6830.66	HORIZONTAL	HORIZONTAL	VERTICAL	VERTICAL	TOTAL	TOTAL	PER
TIME	NORTHING	EASTING	ELEV.	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DAY
				(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft/day)
3/2/99	26221.08	20509.62	7001.59							
6/22/99	26221.48	20509.70	7001.44	0.408	0.408	-0.150	-0.150	0.435	0.435	3.881E-03
6/22/99	26221.04	20509.61	7001.44	repositioned prism	0.041	0.000	0.000	#VALUE!	0.041	#DIV/0!
7/28/99	26221.43	20509.70	7001.44	0.400	0.400	0.000	0.000	0.400	0.400	9.973E-03
10/1/99	26221.51	20509.71	7001.61	0.081	0.481	0.170	0.170	0.188	0.510	1.684E-03
4/17/00	26221.52	20509.73	7001.49	0.022	0.495	-0.120	0.050	0.122	0.497	6.238E-05
7/25/00	26221.51	20509.75	7001.49	0.022	0.490	0.000	0.050	0.022	0.493	4.386E-05
9/28/00	26221.68	20509.66	7001.50	0.192	0.642	0.010	0.060	0.193	0.645	2.335E-03



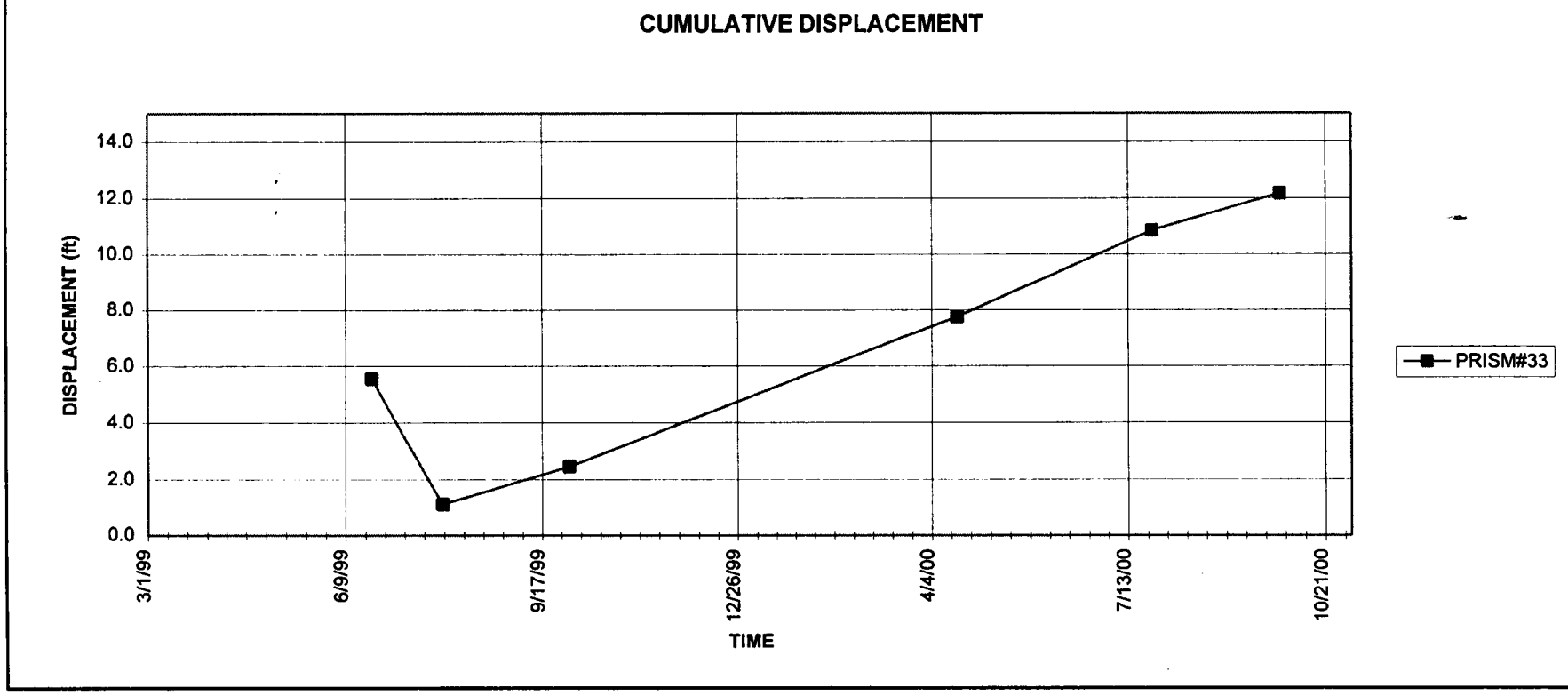
PRISM#31				INCREMENTAL HORIZONTAL DISTANCE (ft)	CUMULATIVE HORIZONTAL DISTANCE (ft)	INCREMENTAL VERTICAL DISTANCE (ft)	CUMULATIVE VERTICAL DISTANCE (ft)	INCREMENTAL TOTAL DISTANCE (ft)	CUMULATIVE TOTAL DISTANCE (ft)	SLOPE DISPLACEMENT PER DAY (ft/day)
TIME	NORTHING	EASTING	ELEV.							
3/2/99	26008.26	19814.41	6898.91							
6/22/99	26004.12	19815.95	6897.94	4.417	4.417	-0.970	-0.970	4.522	4.522	4.038E-02
6/22/99	26004.21	19816.22	6897.94	repositioned prism	0.000	0.000	0.000	#VALUE!	0.000	#DIV/0!
7/28/99	26003.80	19816.13	6897.79	0.420	0.420	-0.150	-0.150	0.446	0.446	1.238E-02
10/1/99	26003.60	19816.26	6898.04	0.239	0.611	0.250	0.100	0.346	0.619	2.672E-03
4/17/00	26001.44	19817.11	6897.56	2.321	2.909	-0.480	-0.380	2.370	2.934	1.163E-02
7/25/00	26000.33	19817.59	6897.25	1.209	4.115	-0.310	-0.690	1.248	4.172	1.251E-02
9/28/00	26000.12	19817.69	6897.23	0.233	4.346	-0.020	-0.710	0.233	4.404	3.562E-03



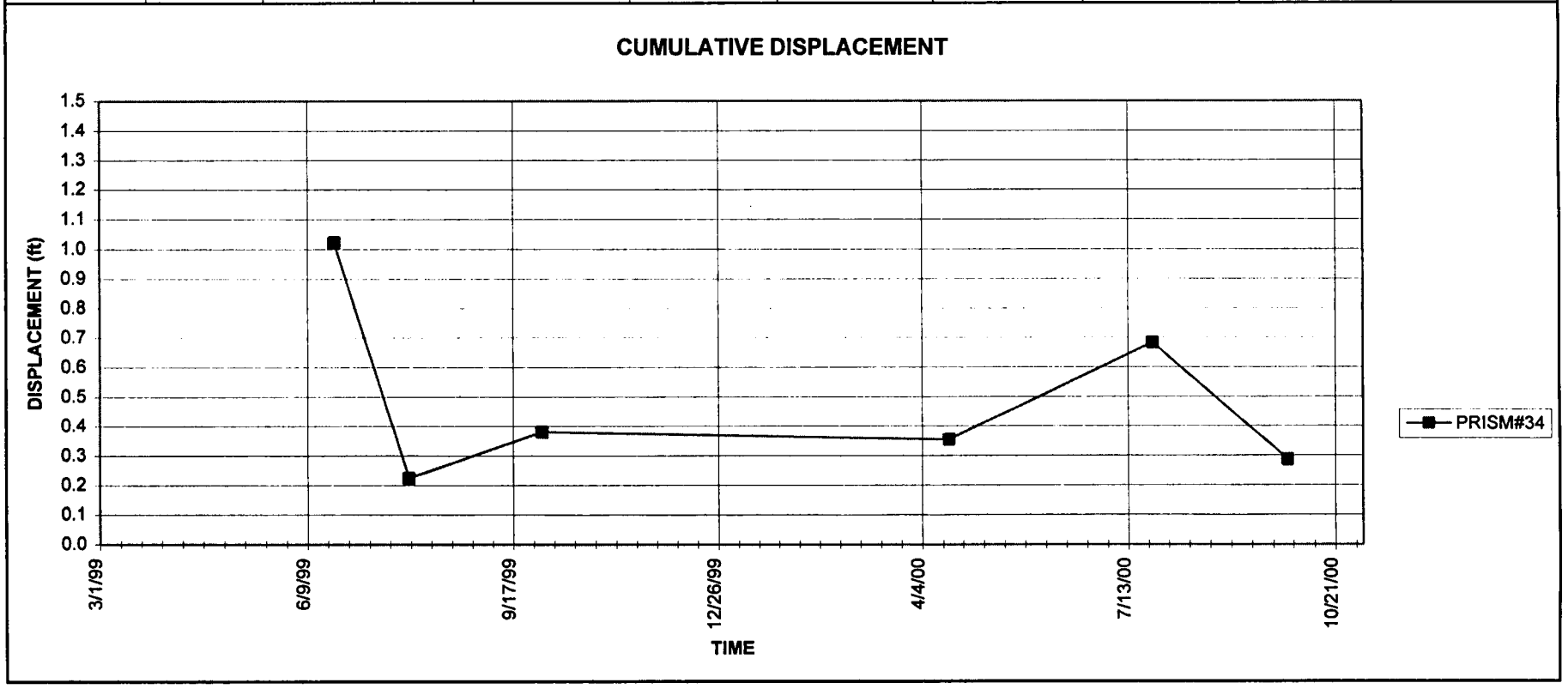
PRISM#32				INCREMENTAL HORIZONTAL	CUMULATIVE HORIZONTAL	INCREMENTAL VERTICAL	CUMULATIVE VERTICAL	INCREMENTAL TOTAL	CUMULATIVE TOTAL	SLOPE DISPLACEMENT PER
TIME	NORTHING	EASTING	ELEV.	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DAY
				(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft/day)
3/2/99	26543.63	19554.23	7071.55							
6/22/99	26535.48	19558.14	7068.38	9.039	9.039	-3.170	-3.170	9.579	9.579	8.553E-02
6/22/99	26535.50	19558.31	7068.38	0.171	9.096	0.000	-3.170	0.171	9.633	#DIV/0!
7/28/99	26534.02	19558.97	7067.83	1.620	1.620	-0.550	-0.550	1.711	1.711	2.200E-01
10/1/99	26532.35	19559.85	7067.47	1.888	3.506	-0.360	-0.910	1.922	3.622	2.940E-02
4/17/00	26525.70	19563.35	7064.84	7.515	11.020	-2.630	-3.540	7.962	11.575	3.996E-02
7/25/00	26521.65	19565.32	7063.28	4.504	15.523	-1.560	-5.100	4.766	16.339	4.813E-02
9/28/00	26520.11	19566.08	7062.74	1.717	17.240	-0.540	-5.640	1.800	18.139	2.769E-02



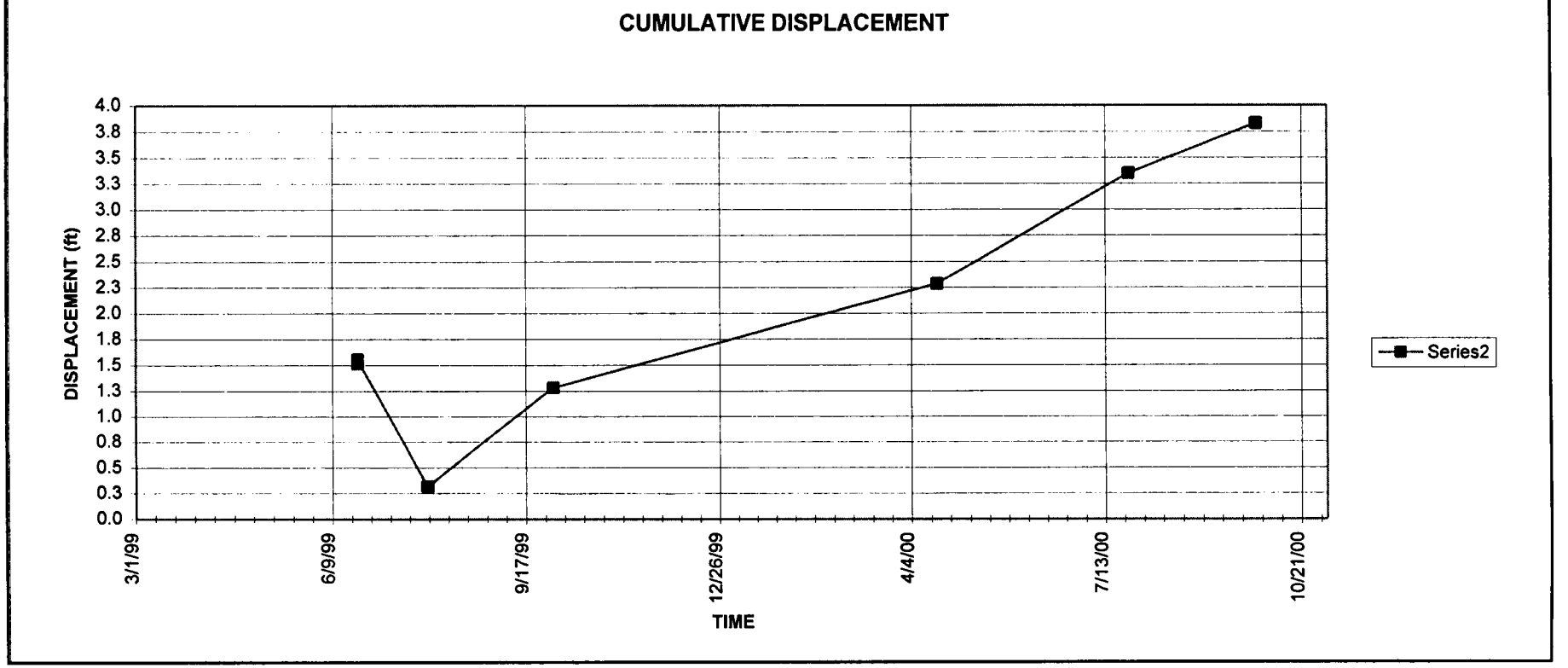
PRISM#33				INCREMENTAL	CUMULATIVE	INCREMENTAL	CUMULATIVE	INCREMENTAL	CUMULATIVE	SLOPE
				HORIZONTAL	HORIZONTAL	VERTICAL	VERTICAL	TOTAL	TOTAL	DISPLACEMENT
TIME	NORTHING	EASTING	ELEV.	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	PER DAY
				(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft/day)
3/2/99	26821.28	19271.26	7128.81							
6/22/99	26817.15	19274.68	7127.38	5.362	5.362	-1.430	-1.430	5.550	5.550	4.955E-02
6/22/99	26817.15	19274.68	7127.38	0.000	5.362	0.000	-1.430	0.000	5.550	#DIV/0!
7/28/99	26816.43	19275.50	7127.13	1.091	1.091	-0.250	-0.250	1.120	1.120	1.231E-01
10/1/99	26815.34	19276.32	7127.04	1.364	2.442	-0.090	-0.340	1.367	2.466	2.072E-02
4/17/00	26811.39	19279.54	7125.56	5.096	7.536	-1.480	-1.820	5.307	7.753	2.657E-02
7/25/00	26809.02	19281.33	7124.66	2.970	10.503	-0.900	-2.720	3.103	10.850	3.128E-02
9/28/00	26808.13	19282.3	7124.43	1.316	11.808	-0.230	-2.950	1.336	12.171	2.032E-02



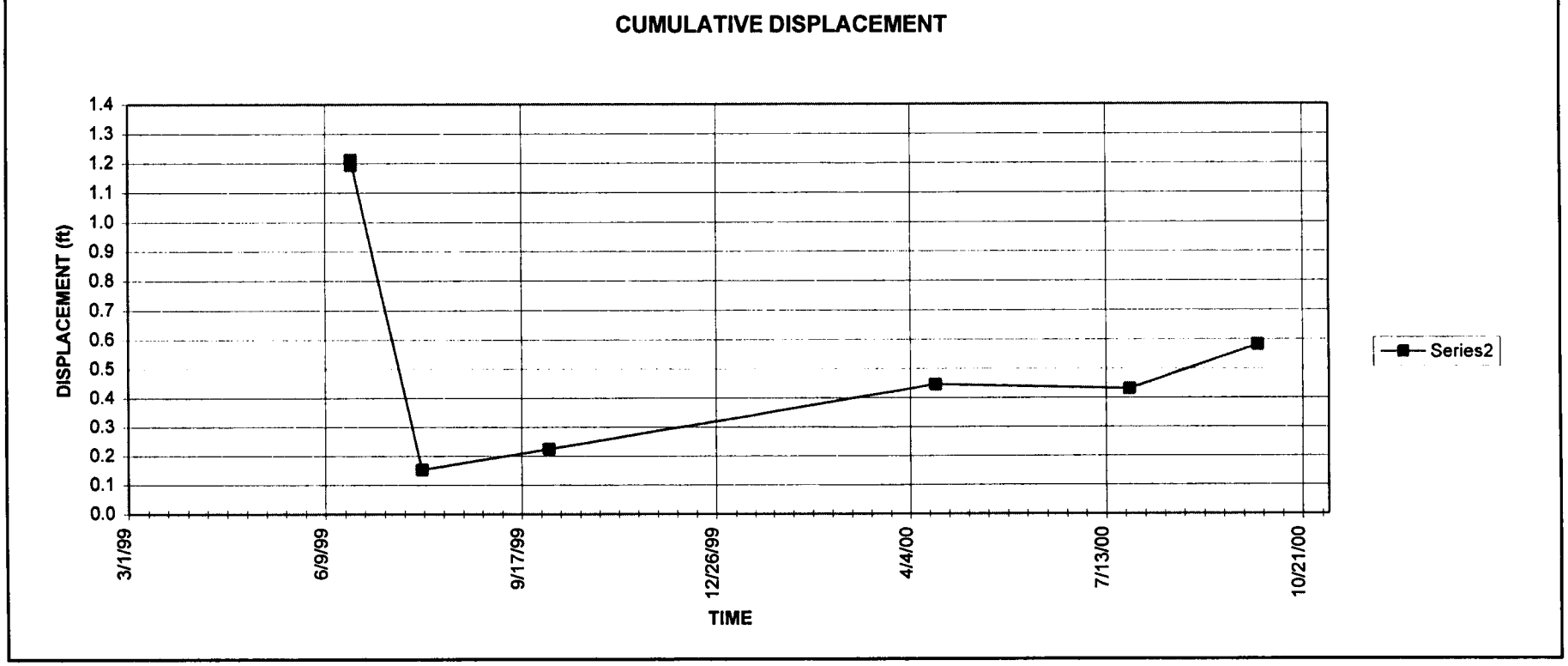
PRISM#34				INCREMENTAL HORIZONTAL	CUMULATIVE HORIZONTAL	INCREMENTAL VERTICAL	CUMULATIVE VERTICAL	INCREMENTAL TOTAL	CUMULATIVE TOTAL	SLOPE DISPLACEMENT PER
TIME	NORTHING	EASTING	ELEV.	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DAY
				(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft/day)
3/2/99	26997.25	19476.04	7163.21							
6/22/99	26997.22	19476.19	7162.20	0.153	0.153	-1.010	-1.010	1.022	1.022	9.121E-03
6/22/99	26997.39	19476.12	7162.20	0.184	0.161	0.000	-1.010	0.184	1.023	#DIV/0!
7/28/99	26997.30	19476.26	7162.35	0.166	0.166	0.150	0.150	0.224	0.224	2.219E-02
10/1/99	26997.34	19476.32	7162.52	0.072	0.206	0.170	0.320	0.185	0.381	2.409E-03
4/17/00	26997.40	19476.43	7162.37	0.125	0.310	-0.150	0.170	0.195	0.354	1.355E-04
7/25/00	26997.38	19476.3	7162.86	0.132	0.180	0.490	0.660	0.507	0.684	3.338E-03
9/28/00	26997.39	19476.35	7162.37	0.051	0.230	-0.490	0.170	0.493	0.286	6.126E-03



PRISM#35				INCREMENTAL	CUMULATIVE	INCREMENTAL	CUMULATIVE	INCREMENTAL	CUMULATIVE	SLOPE DISPLACEMENT
				HORIZONTAL	HORIZONTAL	VERTICAL	VERTICAL	TOTAL	TOTAL	PER
TIME	NORTHING	EASTING	ELEV.	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DAY
				(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft/day)
3/2/99	27039.78	19081.47	7187.69							
6/22/99	27038.93	19082.36	7186.80	1.231	1.231	-0.890	-0.890	1.519	1.519	1.356E-02
6/22/99	27038.85	19082.34	7186.80	0.082	1.273	0.000	-0.890	0.082	1.554	#DIV/0!
7/28/99	27038.66	19082.58	7186.71	0.306	0.306	-0.090	-0.090	0.319	0.319	3.429E-02
10/1/99	27038.37	19082.90	7185.75	0.432	0.738	-0.960	-1.050	1.053	1.283	1.483E-02
4/17/00	27037.36	19083.83	7185.91	1.373	2.107	0.160	-0.890	1.382	2.287	5.047E-03
7/25/00	27036.57	19084.34	7185.38	0.940	3.033	-0.530	-1.420	1.079	3.349	1.072E-02
9/28/00	27036.26	19084.68	7185.22	0.460	3.491	-0.160	-1.580	0.487	3.831	7.425E-03



PRISM#36				INCREMENTAL	CUMULATIVE	INCREMENTAL	CUMULATIVE	INCREMENTAL	CUMULATIVE	SLOPE
				HORIZONTAL	HORIZONTAL	VERTICAL	VERTICAL	TOTAL	TOTAL	DISPLACEMENT
TIME	NORTHING	EASTING	ELEV.	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	PER DAY
				(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft/day)
3/2/99	27320.75	18806.28	7233.52							
6/22/99	27320.11	18806.59	7232.56	0.711	0.711	-0.960	-0.960	1.195	1.195	1.067E-02
6/22/99	27320.15	18806.71	7232.56	0.126	0.738	0.000	-0.960	0.126	1.211	#DIV/0!
7/28/99	27320.08	18806.60	7232.64	0.130	0.130	0.080	0.080	0.153	0.153	2.939E-02
10/1/99	27320.02	18806.68	7232.74	0.100	0.133	0.100	0.180	0.141	0.224	1.094E-03
4/17/00	27319.74	18806.88	7232.51	0.344	0.444	-0.230	-0.050	0.414	0.447	1.119E-03
7/25/00	27319.77	18806.89	7232.46	0.032	0.420	-0.050	-0.100	0.059	0.432	1.460E-04
9/28/00	27319.62	18806.83	7232.35	0.162	0.543	-0.110	-0.210	0.195	0.583	2.313E-03



PRISM#37				INCREMENTAL HORIZONTAL	CUMULATIVE HORIZONTAL	INCREMENTAL VERTICAL	CUMULATIVE VERTICAL	INCREMENTAL TOTAL	CUMULATIVE TOTAL	SLOPE DISPLACEMENT PER
TIME	NORTHING	EASTING	ELEV.	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DISTANCE	DAY
				(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft/day)
3/2/99	27346.50	18630.23	7252.26							
6/22/99	27346.31	18630.36	7251.85	0.230	0.230	-0.410	-0.410	0.470	0.470	4.198E-03
6/22/99	27346.38	18630.39	7251.85	0.076	0.200	0.000	-0.410	0.076	0.456	#DIV/0!
7/28/99	27346.25	18630.35	7251.87	0.136	0.136	0.020	0.020	0.137	0.137	8.853E-03
10/1/99	27346.17	18630.44	7252.15	0.120	0.216	0.280	0.300	0.305	0.370	3.571E-03
4/17/00	27345.99	18630.63	7252.05	0.262	0.458	-0.100	0.200	0.280	0.500	6.538E-04
7/25/00	27345.94	18630.58	7251.73	0.071	0.479	-0.320	-0.120	0.328	0.494	5.692E-05
9/28/00	27345.76	18630.54	7251.84	0.184	0.638	0.110	-0.010	0.215	0.638	2.214E-03